

Lost Orbs of Idaho Field Trip 10/12/19

The trip will start in the Museum with a review of the composition of granite, consideration of the difference between granodiorite and granite, and exploration of the unusual varieties of granite that we will encounter on the trip. This will take about 30 - 45 minutes.

Route to Stop 1:

We will proceed to Warm Springs Avenue, turn **Right** to Avenue B, turn **Right** and then take the second exit at the roundabout to go east on Fort Street. We will continue on Fort Street to 15th Street and turn **Right**, continuing on 15th to Hill Road where we turn **Left**. Then turn **Right** on Bogus Basin Road to a **Left** on Cartwright Road just past the LDS Church. We stay on Cartwright Road, bearing **Right** at the intersection with Pierce Park Road and **Right** again at the intersection with Dry Creek Road. We stay on Cartwright almost to its end, turning **Right** on Ourada Ranch Road just before the big gate with the prominent STOP sign.

Note: If it has been wet in the days preceding the trip, we will check with Pat Ourada to see if we can still access the site. This will be announced at the sign-in and if we can't get to the ranch, we have obtained some of the best samples from the site to examine at the Museum and will spend more time there in lieu of the site visit.

Stop 1: Graphic Granite at Ourada Ranch

Route to Stop 2:

We retrace our way back down Cartwright Road to Dry Creek Road where we turn **Right** and take it to Highway 55 and turn **Right** (north). We proceed on 55 to the top of the pass, turning **Left** on Summit Ridge Road, being very careful of traffic. We take Summit Ridge for about 2 miles and bear **Right** on Bypass Road (unnamed at the intersection), which we follow for about 0.6 miles before turning **Right** on Rumsey Road. After about 0.4 miles we cross a creek and turn **Right** on Bread Loaf Road that takes us to Bread Loaf Rock in about 0.8 miles on a bladed dirt road.

Note: This bladed dirt road may be inadvisable if there has been recent rain; leaders will decide on the spot if we can make this stop or need to skip it.

Stop 2: Two-mica Granite of Bread Loaf Rock

Route to Stop 3:

We retrace our path back to an intersection where we turned right off of Summit Ridge Road and bear **Right** for a short distance to rejoin it, turning **Right**. This rough paved road will take us back

to Highway 55 just before Horseshoe Bend, where we turn **Left** toward town. Crossing the bridge, we turn **Right** on the first street, Madison Ave, to visit the home of rockhounds Dalles and Tim Kalac.

Stop 3: Fantastic Orbicular Granite Collection at the Kalac's

Stop 4: Rest stop and lunch at Chevron Station.

Route to Stop 5: We return to Highway 55 and turn **Right**. About 1 mile past the north bridge over the Payette River, turn **Right** on Porter Creek Road and stop at about 200 yards.

Stop 5: Pegmatite or Migmatite in Granodiorite

Route to Stop 6:

Retuning to Highway 55, turn **Right** and about 1.6 miles past the intersection with the Banks – Lowman Highway slow down and enter a large dirt pull-off on the **Left**, being very careful of oncoming traffic.

Stop 6: Orbicular Granite

Route to Stop 7:

Re-enter Highway 55 heading south and turn **Left** onto the Banks – Lowman Highway. In about 4.5 miles pull off into a large dirt pull-off on the **Right**.

Stop 7: Granite Boulder Crawl and Search for Orbs

Depending on interest, time and/or weather this can be the end of the trip. There are two more optional stops along the Banks – Lowman Highway.

***Stop 8: Molybdenum infused granite with shearing of blocks, requiring rock bolts (about 10 miles).** There are restrooms at about 4.6 miles at Danskin rafting put in.

***Stop 9: Interesting metamorphosed granite and basalt dikes at the Deadwood Reservoir Road. (another 8.5 miles)**